

PATENT
DON02 P-935
EXPRESS MAIL NO. EL508178657US
E1846000406 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Jeffrey A. Lewno

For : BONDED VEHICULAR GLASS ASSEMBLIES UTILITZING
TWO-COMPONENT URETHANES, AND RELATED METHODS
OF BONDING

Box Patent Application
Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:



[Handwritten signature]
02/08/03
AS

INFORMATION DISCLOSURE STATEMENT

In accordance with 37 CFR 1.51, 1.56, 1.97 and 1.98, Applicants set forth below the patents, publications or other information listed on the attached forms PTO-1449 for consideration by the Examiner in connection with the examination of the present application. The below listed information was disclosed or cited of record during prosecution of the parent application Serial No. 09/520, 582, filed March 8, 2000, or the grandparent application Serial No. 09/213,706, filed December 17, 1998, now U.S. Patent No. 6,068,719, or the great-grandparent application Serial No. 08/924,405, filed August 22, 1997, now U.S. Patent No. 5,853,895, or the great-great-grandparent application Serial No. 08/420,233, filed April 11, 1995, now abandoned. A copy of each information item along with the indicated translation material and concise explanation of non-English language documents, is of record in the parent, grandparent or great-grandparent application, and should be referred to therein by the Examiner. A copy of U.S. Patent No. 6,068,719 is enclosed.

This Information Disclosure Statement is not intended to constitute an admission that any patent, publication or other information referred to herein is "prior art" for this invention unless specifically designated as such.

Under 37 CFR 1.97(h), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists.

U.S. PATENTS

<u>Patent No.</u>	<u>Patentee</u>	<u>Issue Date</u>
*6,068,719	Lewno	05/30/00
5,853,895	Lewno	12/29/98
5,551,197	Repp et al.	09/03/96
5,529,655	Bravet et al.	06/25/96
5,342,867	Ryan et al.	08/30/94
5,338,767	Sartelet, et al.	08/16/94
5,508,111	Schmucker	04/16/96
5,294,168	Kronbetter	03/15/94
5,072,984	Jackson	12/17/91
5,064,494	Duck et al.	11/12/91
5,062,248	Kunert	11/05/91
5,050,928	Böhm et al.	09/24/91
4,995,666	Schurmann	02/26/91
4,986,595	Gold	01/22/91
4,963,636	Mulhaupt et al.	10/16/90
4,951,907	Gold	08/28/90
4,925,237	Böhm et al	05/15/90
4,861,540	Nieboer et al.	08/29/89
4,841,698	Gold	06/27/89
4,822,656	Hutter, III	04/18/89
4,799,344	Francis	01/24/89
4,793,099	Friese et al.	12/27/88
4,777,699	Hill et al.	10/18/88
4,761,916	Sanok et al.	08/09/88
4,743,672	Goel	05/10/88
4,723,809	Kida et al.	02/09/88
4,712,341	Harris, Jr. et al.	12/15/87
4,700,525	Nieboer et al.	10/20/87
4,625,459	Warner	12/02/86

* Copy enclosed

4,606,159	Kunert	08/19/86
4,396,221	Morgan et al.	08/02/83
4,364,595	Morgan et al.	12/21/82
4,364,214	Morgan et al.	12/21/82
4,363,191	Morgan	12/14/82
4,167,259	Bury	09/11/79
4,139,234	Morgan	02/13/79
4,093,304	Ziegler	06/06/78
3,916,055	Wagner	10/28/75
3,885,072	Zibritosky	05/20/75
3,881,303	Krafka et al.	05/06/75
3,837,984	Wagner et al.	09/24/74
3,827,184	Pennec et al.	08/06/74
3,806,188	Tantlinger	04/23/74
3,713,578	Johnson	01/30/73
3,343,867	Couch et al.	09/26/67
3,282,014	Bamford et al.	11/01/66
3,052,496	Frey	09/04/62
3,032,808	Fleming	05/08/62
2,948,015	Hansen	08/09/60
2,829,081	Sweem	04/01/58
2,738,838	Sutter	03/20/56
2,679,201	Scharmen	05/25/54
2,617,481	Frohnapel	11/11/52
2,608,926	Helsley	09/02/52
2,592,411	Frohnapel	04/08/52
2,555,204	Sorrell	05/29/51
2,507,965	Eichner	05/16/50
2,502,970	Manning	04/04/50
1,963,941	Duffy	06/19/34
226,770	Morse	04/20/80

FOREIGN PATENTS

<u>Patent No.</u>	<u>Country</u>	<u>Date</u>
39 25 804 A1	Germany	08/08/90
526 327 A1	European	02/03/93
289 156 A1	European	11/02/88
3-236922	Japan	10/22/91
H3-70626	Japan	03/26/91
H2-258844	Japan	10/19/90
1122722	Japan	05/16/89

OTHER DOCUMENTS

SAE Technical Paper 900519, February 26, 1990.

SAE Technical Paper 910758, February 25, 1991.

ADCO™ Products, Inc., "ADCO FC-1000™ Fast Curing Urethane Auto Glass Adhesive", 4 pages.

ADCO™ Products, Inc., Material Safety Data Sheet, "AD-380 Urethane Auto Glass Sealant", 6 pages.

ADCO™ Products, Inc., Material Safety Data Sheet, "FC-1000 Urethane Sealant", 5 pages.

Essex Specialty Products, Inc., "Betamate® Structural Adhesives Testing Procedures For Prepainted Metal", 22 pages.

CSR #87-318, Project #IC 501, Book #1206, "Betamate Structural Adhesive Testing", 10 pages.

Betamate™ Structural Adhesives, "Two Component Urethanes", 1 page.

Essex Specialty Products, Inc., Technical Bulletin, "BETAMATE® 73100/73003 Structural Adhesive", 8 pages.

Respectfully submitted,

JEFFREY A. LEWNO

By: Van Dyke, Gardner, Linn & Burkhart, LLP

NOVEMBER 13, 2001
Date

Donald S. Gardner
Donald S. Gardner
Registration No. 25 975
2851 Charlevoix Drive, S.E.
P.O. Box 888695
Grand Rapids, MI 49588-8695
(616) 975-5500

DSG/ram
Enclosures

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. DON02 P-935	SERIAL NO.
	APPLICANT(S) Jeffrey A. Lewno	
	FILING DATE	GROUP

J-0972 U.S. PTO
 10/054016
 11/13/01

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPRO- PRIATE
	5 5 5 1 1 9 7	09/03/96	Repp et al.	52	204.62	
	5 5 2 9 6 5 5	06/25/96	Bravet et al.	156	244.17	
	5 3 4 2 8 6 7	08/30/94	Ryan et al.	524	101	
	5 3 3 8 7 6 7	08/16/94	Sartelet et al.	521	159	
	5 5 0 8 1 1 1	04/16/96	Schmucker	428	423.1	
	5 2 9 4 1 6 8	03/15/94	Kronbetter	296	146.16	
	5 0 7 2 9 8 4	12/17/91	Jackson	296	56	
	5 0 6 4 4 9 4	11/12/91	Duck et al.	156	273.5	
	5 0 6 2 2 4 8	11/05/91	Kunert	52	208	
	5 0 5 0 9 2 8	09/24/91	Bohm et al.	296	216	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLA-TION
						Y N
	39 25 8 0 4 A1	08/08/90	Germany			
	5 2 6 3 2 7 A1	02/03/93	European			
	2 8 9 1 5 6 A1	11/02/88	European			
	3 2 3 6 9 2 2	10/22/91	Japan			
	H3 7 0 6 2 6	03/26/91	Japan			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	
	SAE Technical Paper 900519, February 26, 1990.
	SAE Technical Paper 910758, February 25, 1991.
	ADCO™ Products, Inc., "ADCO FC-1000™ Fast Curing Urethane Auto Glass Adhesive", 4 pages.

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. DON02 P-935	SERIAL NO.
	APPLICANT(S) Jeffrey A. Lewno	
	FILING DATE	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPRO- PRIATE
		4 9 9 5 6 6 6	02/26/91	Schurmann	296	216	
		4 9 8 6 5 9 5	01/22/91	Gold	296	201	
		4 9 6 3 6 3 6	10/16/90	Mulhaupt et al.	528	28	
		4 9 5 1 9 0 7	08/28/90	Gold	248	205.5	
		4 9 2 5 2 3 7	05/15/90	Bohm et al.	296	216	
		4 8 6 1 5 4 0	08/29/89	Nieboer et al.	264	263	
		4 8 4 1 6 9 8	06/27/89	Gold	52	208	
		4 8 2 2 6 5 6	04/18/89	Hutter, III	428	40	
		4 7 9 9 3 4 4	01/24/89	Francis	52	235	
		4 7 9 3 0 9 9	12/27/88	Friese et al.	49	380	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLA-TION	
							Y	N
		H2 2 5 8 8 4 4	10/19/90	Japan				
		1 1 2 2 7 2 2	05/16/89	Japan				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL		
		ADCO™ Products, Inc., Material Safety Data Sheet, "AD-380 Urethane Auto Glass Sealant", 6 pages.
		ADCO™ Products, Inc., Material Safety Data Sheet, "FC-1000 Urethane Sealant", 5 pages.
		Essex Specialty Products, Inc., "Betamate® Structural Adhesives Testing Procedures For Prepainted Metal", 22 pages.

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<p>FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(Use several sheets if necessary)</p>	<p>ATTY. DOCKET NO. DON02 P-935</p>	<p>SERIAL NO.</p>
<p>APPLICANT(S) Jeffrey A. Lewno</p>		
<p>FILING DATE</p>	<p>GROUP</p>	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPRO- PRIATE
		4 7 7 7 6 9 9	10/18/88	Hill et al.	16	225	
		4 7 6 1 9 1 6	08/09/88	Sanok et al.	49	381	
		4 7 4 3 6 7 2	05/10/88	Goel	528	44	
		4 7 2 3 8 0 9	02/09/88	Kida et al.	296	84	
		4 7 1 2 3 4 1	12/15/87	Harris, Jr. et al.	82	208	
		4 7 0 0 5 2 5	10/20/87	Nieboer et al.	52	698	
		4 6 2 5 4 5 9	12/02/86	Warner	49	488	
		4 6 0 6 1 5 9	08/19/86	Kunert	52	208	
		4 3 9 6 2 2 1	08/02/83	Morgan et al.	296	84	
		4 3 6 4 5 9 5	12/21/82	Morgan et al.	296	84	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLA-TION	
							Y	N

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL		
		CSR #87-318, Project #IC 501, Book #1206, "Betamate Structural Adhesive Testing", 10 pages.
		Betamate™ Structural Adhesives, "Two Component Urethanes", 1 page.
		Essex Specialty Products, Inc., Technical Bulletin "BETAMATE® 73100/73003 Structural Adhesive", 8 pages.

EXAMINER	DATE CONSIDERED
<p>EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. DON02 P-935	SERIAL NO.
	APPLICANT(S) Jeffrey A. Lewno	
	FILING DATE	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER								DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPRO- PRIATE
		4	3	6	4	2	1	4						
		4	3	6	4	2	1	4		12/21/82	Morgan et al.	52	311	
		4	3	6	3	1	9	1		12/14/82	Morgan	49	381	
		4	1	6	7	2	5	9		09/11/79	Bury	248	205	
		4	1	3	9	2	3	4		02/13/79	Morgan	296	84	
		4	0	9	3	3	0	4		06/06/78	Ziegler	296	84	
		3	9	1	6	0	5	5		10/28/75	Wagner	428	161	
		3	8	8	5	0	7	2		05/20/75	Zibritosky	428	38	
		3	8	8	1	3	0	3		05/06/75	Krafka et al.	56	192	
		3	8	3	7	9	8	4		09/24/74	Wagner et al.	B32b	5/12	
		3	8	2	7	1	8	4		08/06/74	Pennec et al.	49	449	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLA-TION	
		4	3	6	4	2	1	4						Y	N

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL		

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. DON02 P-935	SERIAL NO.
	APPLICANT(S) Jeffrey A. Lewno	
	FILING DATE	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER								DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPRO- PRIATE
		3	8	0	6	1	8	8		04/23/74	Tantlinger	296	146	
		3	7	1	3	5	7	8		01/30/73	Johnson	229	44	
		3	3	4	3	8	6	7		09/26/67	Couch et al.	296	97	
		3	2	8	2	0	1	4		11/01/66	Bamford et al.	52	627	
		3	0	5	2	4	9	6		09/04/62	Frey	296	44	
		3	0	3	2	8	0	8		05/08/62	Fleming	16	150	
		2	9	4	8	0	1	5		08/09/60	Hansen	16	145	
		2	8	2	9	0	8	1		04/01/58	Sweem	154	118	
		2	7	3	8	8	3	8		03/20/56	Sutter	160	95	
		2	6	7	9	2	0	1		05/25/54	Scharmen	98	2	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLA-TION	
														Y	N

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL		

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. DON02 P-935	SERIAL NO.
	APPLICANT(S) Jeffrey A. Lewno	
	FILING DATE	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPRO- PRIATE
		2 6 1 7 4 8 1	11/11/52	Frohnapei	160	232	
		2 6 0 8 9 2 6	09/02/52	Helsley	98	2	
		2 5 9 2 4 1 1	04/08/52	Frohnapei	16	150	
		2 5 5 5 2 0 4	05/29/51	Sorrell	20	53	
		2 5 0 7 9 6 5	05/16/50	Eichner	16	150	
		2 5 0 2 9 7 0	04/04/50	Manning	171	327	
		1 9 6 3 9 4 1	06/19/34	Duffy	20	16	
		2 2 6 7 7 0	04/20/80	Morse	228	120	
		5 8 5 3 8 9 5	12/29/98	Lewno			
		6 0 6 8 7 1 9	05/30/00	Lewno	156	108	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLA-TION	
							Y	N

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL		

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	